



**ATTORNEY'S DOCKET NUMBER: 0492611-0534 (MIT 10565)**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Heywood, *et al.* Examiner: Harris, Katrina B.  
Serial No.: 10/755,541 Art Unit: 3747  
Filing Date: January 12, 2004 Conf. No: 1354  
Title: HIGH COMPRESSION RATIO, HIGH POWER DENSITY  
HOMOGENEOUS CHARGE COMPRESSION IGNITION  
ENGINES USING HYDROGEN AND CARBON MONOXIDE TO  
ENHANCE AUTO-IGNITION RESISTANCE

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**Certificate of Mailing**

I certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

August 3, 2006

Date

Signature

Mary B. Wilson

Typed or Printed Name of person signing certificate

Sir:

**OFFICE ACTION RESPONSE UNDER 37 C.F.R. § 1.116**

In response to the Office Action mailed February 24, 2006, it is requested that the following remarks be considered.